

## Air Impacts

### Calculate Process Contributions of Emissions to Air

This table estimates the Process Contribution (PC), calculated as the maximum ground level concentration for each emission listed in the inventory, according to the release point parameters input earlier. If you have more accurate data obtained through dispersion modelling, this may be entered as indicated and will be used instead of the estimated PC.

Number	Substance	Long Term			Short Term		
		EAL µg/m <sup>3</sup>	PC µg/m <sup>3</sup>	* Modelled PC µg/m <sup>3</sup>	EAL µg/m <sup>3</sup>	PC µg/m <sup>3</sup>	Modelled PC µg/m <sup>3</sup>
1	Nitrogen Dioxide	40	57.3		200	742	
2	Carbon monoxide		52.1		10000	1,350	

Note that the Process Contribution shown for each substance is the sum of the individual process contributions of each point from which the substance is emitted. Process Contributions obtained from modelling data should incorporate all relevant release points and flow conditions.

\* State the location of any detailed air dispersion modelling and also the main assumptions:      Comments

